

(10,200 feet elevation), Mono County, California, April 25, June 23, 1953 (J. W. MacSwain).

It is hoped that by calling attention to this interesting problem, more entomologists in the western states will make observations and collections which may aid in clarifying this aspect of the potato psyllid's ecology.

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A NEW SPECIES OF ZODION FROM CALIFORNIA

(Diptera: Conopidae)

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Examination of the Conopidae of the California Insect Survey, University of California through the courtesy of P. D. Hurd, Jr., reveals the following new species from the extreme south and southeastern part of California.

Zodion californicum Camras, new species

Vertex black; ocelli and vertex at anterior margin of ocellar triangle brownish. Front, face, and cheeks yellow; the front brighter, and the cheeks more silvery pollinose. Antennae dark brown, the distal lower half of the

second segment yellowish. Second segment about 3 X length of the retracted first segment. Third segment about one-half length of second. Arista black. Proboscis black, about $1\frac{1}{3}$ X head height. Occiput gray.

Thorax gray pollinose with narrow black median line. Faint narrow submedian lines present anteriorly. Sublateral lines fused with lateral spots, making dorsum of thorax predominantly black. Scutellum with six marginal bristles. Legs gray with yellowish at apices of femora and bases of tibiae. Proximal tarsal segments brownish, distal segments black. Pulvilli and claws yellow; tips of claws black. Wings hyaline, suffused with dusky. Calypters whitish; halteres yellowish. First posterior cell open. *Abdomen* gray pollinose, first segment blackish dorsally. Second and third segments with dorsal triangular black marks pointing anteriorly, and black marks anterolaterally, giving the pollinose areas an oblique pattern. Fourth segment with two dark marks distally. Fifth and sixth segments with narrow black transverse lines at base, and sixth segment with similar line at apical margin. Genital segments shining black. Genital plate very short and thick. Size $8\frac{1}{2}$ mm.

Holotype ♀: CALIFORNIA: RIPLEY, RIVERSIDE COUNTY, 26. VI. 46, W. F. Barr, (sweeping alfalfa), University of California Collection. Deposited in the California Academy of Sciences. Paratype ♀ California: Blythe, Riverside County, 22. VI. 46, W. F. Barr (University of California). Similar to holotype, but black areas darker and slightly more extensive, especially on the antennae. Size 7.5 mm. Paratype ♀. California: Ripley, Riverside County, 2. VII. 46, W. F. Barr (author's collection). Similar to holotype, but black areas paler. Vertex and dark areas on proximal segments of abdomen partly brownish. Size 8.5 mm. Paratype ♀. California: Barrett Springs, San Diego County, 20. IV. 50, J. W. MacSwain (University of California). Similar to holotype, but dark areas paler, antennae and front slightly rufous. Second and third antennal segments equal. Cheeks very large, equal to eye height. Lateral spots on thorax nearly absent leaving dorsum of thorax predominantly gray pollinose. Legs predominantly black. Distal abdominal segments more black, less pollinose. Proboscis longer, about one and two-thirds x head height. Size 9 mm.

This species is related to *obliquefasciatum* differing by the complete absence of any rufous coloration. From *cyanescens* it differs immediately by the absence of bluish coloration, and from *albonotatum* by the lack of yellow pollen and different pattern of the abdomen.

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